Filippo Maria Panfili

Follow up and clinical evolution of Plexiform Neurofibromas in NF1 pediatric patients treated with Selumetinib

Duration	2 months
Short Bio	I am a Pediatrician, Ph.D. candidate in medical and surgical biotechnology and translational medicine at University of Rome, Tor Vergata. During the last years of my residency, I gained a specific expertise in the Rare Diseases field and clinical genetics, especially on Neurofibromatosis Type 1, working at the O.U. of Rare Diseases and Medical Genetics at Bambino Gesù Children's Hospital. In 2022 I have been at the University of Utah, Salt Lake City, USA - Division of Medical Genetics for a 6 months fellowship.
Home Institution	Bambino Gesù Children's Hospital, Rome, Italy
Host Institution	ErasmusMC, Rotterdam, The Netherlands
Project Description	The main aim of this project was to increase the specific knowledge of the fellow towards Neurofibromatosis Type 1 in general, share possible differences between the home and the host institution, in the diagnosis, management and follow up of its major complications with a specific focus on Plexiform Neurofibromas (PNs). We collaborated to create a Database for NF1 (with a major focus on PNs) useful to start a national registry for both Host and Home countries, that could be of great value for a European standardized follow up for NF1, especially in pediatric field.
Personal Statement	The EJP RD Fellowship, in the framework of my residency in Pediatrics, gave me a unique experience of collaboration and sharing of knowledge with colleagues expert in the field of Neurofibromatosis Type 1 from another ERN institution. Everything I have learned during my fellowship will be of great value for my career, both in clinical and research fields.